

**Appendix C**  
**Adapted Species for Forage Suitability Groups**  
**MLRA 47 15-19" PRECIPITATION**

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		Clayey (AWC > 6") FSG # 001		Clayey- Saline (AWC > 6") (EC 8 - 16 mmhos/cm) FSG # 009		Deep Sub- Irrigated, Loamy FSG # 013		Loamy (AWC > 6") FSG # 017		Loamy, dry (AWC 3-6") FSG # 019		Loamy, Limy FSG # 022		Loamy, Mod. Saline (AWC >6") (EC 4 - 8 mmhos/cm) FSG # 023	
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
<b>COOL SEASON GRASSES</b>															
Bluegrass	big	F						G	G	G		F	G	F	F
Bluegrass	Kentucky	F						G	G	G		F	G		
Bromegrass	meadow	F	G			G		G	G		G	F	G		
Bromegrass	mountain	F				F		G				F			
Bromegrass	smooth	G	G				G	G	G	G	F	G	G		
Fescue	Sheep	G		G				G	G	G		F	G	F	
Fescue	tall	F	F		F		G	G	G	G	F	G			G
Foxtail	creeping	F	G		F	G			G		G	F	G	F	G
Foxtail	meadow	F	G		F		G		G		G	F	G		G
Galleta		F					G	G	G			F	G		
Needle and Thread						G						F			
Needlegrass	green											F			
Nuttall	alkaligrass					G									
Orchard grass		F	G			G		G	G	G	F	G	F		
* Adapted to certain sites		If there is adequate snow cover over winter that will provide protection.													
Prairie	junegrass	G				F		G		G		F			

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		Sandy, dry (AWC 3-6") FSG # 026		Sub-Irrigated, Limy FSG # 030		Subirrigated, Loamy/Sandy FSG # 031		Wet FSG # 034					
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
<b>COOL SEASON GRASSES</b>													
Bluegrass	big			F									
Bluegrass	Kentucky			F									
Bromegrass	meadow	F			G	G							
Bromegrass	mountain					F	G						
Bromegrass	smooth				G	F	G						
Fescue	Sheep				G								
Fescue	tall	F			G	F	G						
Foxtail	creeping	F			G								
Foxtail	meadow	F	G		G	F	G	F					
Galleta				G			F	G	G				
Needle and Thread				G	F		F	G	G				
Needlegrass	green	G		F									
Nuttall	alkaligrass							F					
Orchard grass		F	G			F	G						
* Adapted to certain sites	If there is adequate snow cover over winter that will provide protection.												
Prairie	junegrass	F		F		F							

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		Clayey (AWC > 6") FSG # 001		Clayey- Saline (AWC > 6") (EC 8 - 16 mmhos/cm) FSG # 009		Deep Sub- Irrigated, Loamy FSG # 013		Loamy (AWC > 6") FSG # 017		Loamy, dry (AWC 3-6") FSG # 019		Loamy, Limy FSG # 022		Loamy, Mod. Saline (AWC >6") (EC 4 - 8 mmhos/cm) FSG # 023	
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Prairie cordgrass			G												G
Prairie sandreed						F		G		G		F			
Reed canarygrass			G		F			G	G	G		G			
Ryegrass	perennial	F	G		G			G	G	G	G	F	G		
Timothy			G		F			G		G		G			F
Wheatgrass	beardless	F				G		G	G	G		F	G	G	G
Wheatgrass	bluebunch	F				G		G	G	G		F	G	G	G
Wheatgrass	crested	G				G		G	G	G		F	G	G	
Wheatgrass	Hybrid (quack x bluebunch)	G		G	F	G	G	G	G	G	F	G	G	G	G
Wheatgrass	Intermediate	G	G		G	F	G	G	G	G	F	G	G	G	G
Wheatgrass	Pubescent	F	G		G	F	G	G	G	G	G	G	G	G	G
Wheatgrass	Siberian	F				G		G	G	G		G	G		F
Wheatgrass	Slender	G	G	G	G	G	G	G	G	G	F	G	G	G	G
Wheatgrass	Standard crested	G				G		G	G	G		F	G	F	
Wheatgrass	Standard x fairway	G				G		G	G	G		F	G	G	
Wheatgrass	Streambank	G				G		G	G	G		F	G	G	G

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		Sandy, dry (AWC 3-6") FSG # 026	Sub-Irrigated, Limy FSG # 030	Subirrigated, Loamy/Sandy FSG # 031	Wet FSG # 034						
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Prairie cordgrass						G					
Prairie sandreed		G		G		F					
Reed canarygrass			G		G	F	G	G			
Ryegrass	perennial	F	G		G	F	G	F			
Timothy			F		G	F	G	F			
Wheatgrass	beardless	F		G		F					
Wheatgrass	bluebunch	F		G		F					
Wheatgrass	crested	F		F		G					
Wheatgrass	Hybrid (quack x bluebunch)	F	G	F	G	F	G	F			
Wheatgrass	Intermediate	F	G	F	G	F	G				
Wheatgrass	Pubescent	F	G	F	G	F	G				
Wheatgrass	Siberian	F		F		F					
Wheatgrass	Slender	F	G	F	G	F	G				
Wheatgrass	Standard crested	F		F		F					
Wheatgrass	Standard x fairway	F		F		F					
Wheatgrass	Streambank	F		G		G					

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<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Wheatgrass	tall	F	G	F	G	F	G	G	G	F	G	G	G	G	G
Wheatgrass	thickspike	G	G	F				G	G	G	G	G	G	G	
Wheatgrass	western	G	G	F		G		G	G	G	G	G	G	G	
Wildrye	altaï	F	G		G		G	G	G	G	G	G	G		G
Wildrye	basin	G	G		G	G	G	G	G	F	G	G	G		
Wildrye	beardless	F	G		G		G	G	G	F	G				G
Wildrye	canada	F				G		G	G	F	G	G	G	G	G
Wildrye	mammoth	F				G		G	G	F	G	F	F		
Wildrye	russian	G				G		G	G	G	G	G	G		
<b>WARM SEASON GRASSES</b>															
Alkali sacaton			G		F		G								
Bluestem	big	F				G		G			F				G
Bluestem	Little	F				G		G		F		F			G
Bluestem	sand														
Buffalograss			G												
Indian	ricegrass					G									G

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		Sandy, dry (AWC 3-6") FSG # 026		Sub-Irrigated, Limy FSG # 030		Subirrigated, Loamy/Sandy FSG # 031		Wet FSG # 034			
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Blank = Not Suited											
F = Fair											
G = Good											
Wheatgrass	tall	F	G	G	G	F	F				
Wheatgrass	thickspike	F				G					
Wheatgrass	western	F		F		F					
Wildrye	altaï	F	G		G	G	G	F			
Wildrye	basin	F	F	F	G	F	G				
Wildrye	beardless	F	G		G	F	G	F			
Wildrye	canada	G		F		F					
Wildrye	mammoth	G		F		F					
Wildrye	russian	F		F		G					
<b>WARM SEASON GRASSES</b>											
Alkali sacaton								F			
Bluestem	big										
Bluestem	Little										
Bluestem	sand	G									
Buffalograss											
Indian	ricegrass	F									

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<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Indiangrass															
Sideoats	grama							G		G				G	
Squiretail	bottlebrush														
Switchgrass		F				G		G		G		F		F	
<b>INTRODUCED LEGUMES</b>															
Alfalfa		F	G			F	G	G	G	G	G	F	G	F	F
Birdsfoot trefoil		F	G			G	G	G		G	F	G		F	
Clover	alsike	F	G			G	G	G		G	F	G			
Clover	ladino	F	G			G	G	G		G	F	G			
Clover	red	F	G			G		G		G		G			
Clover	strawberry	F	G			G		G		G		G		G	G
Clover	white	F	G			G	G	G		G	F	G		F	
Milkvetch	cicer	F	G			F	G	G	G	G	G	F	G	G	
Sainfoin		F	G			G	G	G	G	G	F	G		F	
Sweetclover	white	F	G			G	G	G	G	G	F	G		G	
Sweetclover	yellow	F	G			G	G	G	G	G	F	G		G	

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<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Blank = Not Suited											
F = Fair											
G = Good											
Indiangrass											
Sideoats	grama										
Squiretail	bottlebrush										
Switchgrass											
<b>INTRODUCED LEGUMES</b>											
Alfalfa		G	G	G							
Birdsfoot trefoil		G		G	F	G					
Clover	alsike	G		G	F	G					
Clover	ladino	G		G	F	G					
Clover	red	G		G	F	G	F				
Clover	strawberry	G		G	F	G					
Clover	white	G		G	F	G					
Milkvetch	cicer	G	F	G	F	G					
Sainfoin		G	F	G	F	G					
Sweetclover	white	G	G	G	F	G					
Sweetclover	yellow	G	G	G	F	G					

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<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	
<b>OTHER PERENNIAL FORBS &amp; SHRUBS</b>																
Small Burnett		G												F		
Saltbush	Four Wing	G				G		G			F		G			
Saltbush	Gardner	G				G		G			F					

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<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
<b>OTHER PERENNIAL FORBS &amp; SHRUBS</b>											
Small Burnett											
Saltbush	Four Wing	G	F								
Saltbush	Gardner	G	F								